## APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

JUL 25 1994

Date of filing in State Engineer's Office.  OCT 18 1994		
Returned to applicant for correction.  NOV 0 2 1994  Map filed.  NOV 0 2 1994		
Corrected application filed		
Map filed		
The applicant Clark County Department of Parks and Recreation		
6655 W. Sahara Avenue, B-102of Las Vegas Street and No. or P.O. Box No. City or Town		
Nevada 89102 , hereby make application for permission to appropriate the public State and Zip Code No.		
waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a		
copartnership or association, give names of members.)		
copartificising of association, give names of memocis.)		
1. The source of the proposed appropriation is <u>underground</u> , <u>Sandy Valley Groundwater Basin</u> Name of stream, lake, spring, underground or other source		
Name of sucam, take, spring, underground of other source		
2. The amount of water applied for is		
(a) If stored in reservoir give number of acre-feet		
3. The water to be used for Quasi-Municipal Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.		
4. If use is for:		
(a) Irrigation, state number of acres to be irrigated		
(b) Stockwater, state number and kinds of animals to be watered		
(c) Other use (describe fully under No. 12. "Remarks"		
(d) Power:		
(1) Horsepower developed		
(2) Point of return of water to stream		
5. The water is to be diverted from its source at the following point. Government Lat 1. Section 1. Township Describe as being within a 40-acre subdivision of public		
23 South, Range 57 East, M.D.M., Clark County, Nevada, or at a point from which the survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.		
Northeast corner of said Section 1 bears N 05°26'35" F, a distance of 846.89 feet.		
6. Place of use Government Lot 1, Government Lot 2 and the South Half (S½) of the Northeast Describe by legal subdivision. If on unsurveyed land, it should be so stated.		
Quarter (NE%), Section 1, Township 23 South, Range 57 E, M.D.M., Clark County, Nevad		
7. Use will begin about January 1 December 31 Month and Day Month and Day, of each year.		
8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and		
water is to be diverted from 10" diameter drilled specifications of your diversion or storage works.)  State manner in which water is to be diverted, i.e. diversion structure, ditches and well approximately 800 feet via deep well pump pipelines and distribution system.		
well approximately 800 feet via deep well pump pipelines and distribution system.  flumes, drilled well with pump and motor, etc.		

9.	Estimated cost of works Existing	
10.	Estimated time required to construct works 1 Year  If well completed, describe works.	•
	Estimated time required to complete the application of water to beneficial use 5 Years  Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual	
	consumptive use:	
	SEE ATTACHED	
	(Map will be sent under separate cover)	
	By S/James P. Stacy  Jmaes P. Stacy, Agent 6655 W. Sahara Ave., B-102 Las Vegas, NV 89102	
Pro	ested	
	APPROVAL OF STATE ENGINEER	
folle	This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the owing limitations and conditions:	
The	This permit is issued subject to existing rights. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of water actual placed to beneficial use. It is also understood that this right must allow for reasonable lowering of the static water level. This well shall be equipped with two (2) inch opening for measuring depth to water. If the well is flowing, a valuant be installed and maintained to prevent waste. A totalizing meter must installed and maintained in the discharge pipeline near the point of diversion accurate measurements must be kept of water placed to beneficial use. The totalizater must be installed before any use of water begins, or before the Proof Completion of Work is filed. This source is located within an area designated by the State Engineer, pursuant to NRS 534.030. The State retains the right to regulate the use of the water herein granted at any and all times.  This permit does not extend the permittee the right of ingress and egress public, private or corporate lands.  (CONTINUED ON PAGE 2)	ter lly a a h a lve be and ing of the
	amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to	
exce	ed 0.012 cubic feet per second , but not to exceed 8.0	
	acre-feet annually.	_
	k must be prosecuted with reasonable diligence and be completed on or before	
	of of completion of work shall be filed before	
App	lication of water to beneficial use shall be filed on or before October 14, 2001	Ĺ
Pro	of of the application of water to beneficial use shall be filed on or before	Ĺ
Map	in support of proof of beneficial use shall be filed on or before	
Com	oletion of work filed	
Proo	office, this 14th day of October	
Cult	ral map filed	
Certi	ficate No	

Page 2

60264

(PERMIT TERMS CONTINUED)

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

This permit is issued under the provisions of NRS 534.120(2) as a preferred use.

Item No. 12

(Map will be sent under separate cover)

## MEMORANDUM

## **Parks and Recreation**

GLENN TROWBRIDGE DIRECTOR

TO:

JIM STACY, DEPUTY SURVEYOR

FROM:

DIRICK VAN GORP, SUPERINTENDENT OF PLANNING AND DEVELOPMENT

SUBJECT:

CAMP POTOSI - PROJECTED WATER USE AND DESCRIPTION OF WATER WORKS

DATE:

**JULY 11, 1994** 

The Camp Potosi water system will serve the on-site activities of the renovated and expanded facilities to include restrooms with showers, dining hall with kitchen, caretaker's residence and open air festival theater. The water use will be projected on a maximum of 150 campers daily, five days per week, year around and ten (10) theater events using 1,200 seats each.

## Calculations

Camp w/central restroom w/showers

45 Gallons Per Day (GPD)

Dining hall w/kitchen

10

Sub-total

55 GPD

150 campers x 55 GPD x 5 days x 50 weeks = 2,062,500 annual gallons

Caretaker's residence

180 GPD

3 persons x 180 GPD x 7 days x 52 weeks = 196,500 annual gallons

Open Air Festival Theater w/restrooms

5/GPD per seat

1200 seats x 5 GPD x 2 days x 5 months = 60,000 annual gallons

<u>Total Annual Gallons</u> 2,319,060 325,829 = 7.12 acre feet

The State Engineer's water application is recommended to request a usage of 8 acre feet annually.

The existing well will provide the water service requested and it has a 5 h.p. submersible pump set at 525 feet pumping approximately 20 GPM. The water system will consist of two 5,000 gallon storage tanks at the well site with 1800' of 6" main and 6 fire hydrants. The estimated cost of the new water system is \$27,000.

If questions exist, please call.

DVG:sd

cc: Sam Gutierrez

Donn Chelli Wayne Paice